

CALIFORNIA AIR RESOURCES BOARD

APCD/AQMD RULE EVALUATION FORM

I. GENERAL

District: Mojave Desert AQMD Rule No: Regulation XIII (Rules 1300-1306 and 1320) Date

Adopted: 7/21/80 Amended: 10/27/93, 3/25/96, 9/24/01

Rule Title: Regulation XIII- New Source Review (Rule 1300 - General, Rule 1301 - Definitions, Rule 1302 - Procedure, Rule 1303 - Requirements, Rule 1304 - Emissions Calculations, Rule 1305 - Emissions Offsets, Rule 1306 - Electrical Energy Generating Facilities, Rule 1320 - New Source Review for Toxic Air Contaminants)

Date Submitted To CARB: 10/25/01

Date Last Submitted To CARB: after 3/25/96

Pollutants Regulated By This Rule (Check):

X Nox X SO₂ X PM₁₀ X VOC X TAC (Name of TAC) All None: _____

Is this rule intended to be sent to the USEPA as a State Implementation Plan revision? X Yes No.

Note: Only Rules 1300-1306 are to be submitted as SIP revision.

SUMMARY OF RULE CHANGES: X New rule (Rule 1320) X Amended rule (Rules 1300-1306)

Rules 1300-1306: The amendments to these rules primarily are intended to clarify existing practices, conform certain terminology to that more commonly in use by regulatory agencies, streamline rule procedures and integrate new Rule 1320 into the NSR procedure. Specific changes include, but are not limited to:

- Clarification that Federal LAER is required for certain new equipment at major facilities while state BACT is required for non-major facilities to conform with FCAA §173(a)(2) and current District practices (See 1301(K)).
- Addition of inventory requirements to allow for calculations necessary under new Rule 1320 (See 1301(P); 1302(B)(1)(a)(ii)).
- Shift in terminology clarifying that "Historic Actual Emissions" as defined are the basis for emissions calculations (See 1301(CC) and 1304(D)(2)(iv)).
- Clarification regarding the approval, obtaining and procurement of additional offsets if necessary (See 1302(C)(3)(b)(iv-v); 1302(D)(6)(a)(vi)).
- Clarification of Federal De-Minimis provisions (See 1303(C)(2)).
- Clarification of provisions allowing use of mobile, area and indirect source ERCs with certain approvals by CARB and USEPA.
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Rule 1320: This new rule is meant to codify current District procedures regarding NSR for Toxic Air Contaminants in rule format as required by State and Federal law. The rule requires certain new, modified, relocated and/or reconstructed sources of Toxic Air Contaminants and/or Hazardous Air Pollutants to be analyzed and required to comply with State ATCM requirements, State Toxic "Hot Spots" Program Requirements, and Federal MACT Requirements.

II. NET EFFECT ON EMISSIONS Increase Decrease X No change N/A

Emissions reduction commitment in SIP for this source category: N/A tons/year

SCC/CES Code(s) Affected: All

Affected SIC Code(s): All

Inventory Year Used to Calculate Emissions Changes: 1990

Affected Area: District wide

CALIFORNIA AIR RESOURCES BOARD

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Future Year Control Profile Estimate for N/A emissions:

Year	Tons/Year Reductions (increases)	Baseline Tons/year Subject to Rule	Control Level	Percent Control	Control Level	Control Factor
___	___ /	___ =	<u>0</u> *	100 = ___ %	1.00 - ___ =	___
___	___ /	___ =	<u>0</u> *	100 = ___ %	1.00 - ___ =	___
___	___ /	___ =	<u>0</u> *	100 = ___ %	1.00 - ___ =	___

III. SOURCES/ATTAINMENT STATUS District is: ___ Attainment ___ Non-attainment X Split

Approximate number of minor (<100 TPY) sources controlled by rule: All. Percent in non-attainment area: 85%

Number of major (≥ 100 TPY) sources controlled: All Percent in non-attainment area: 85%

Location of Major Sources by City (& area): Adelanto, Apple Valley, Barstow, Blythe, China Lake, Dagget, Hesperia, Lucerne Valley, Trona, Twentynine Palms, Victorville, Yermo

IV. EMISSIONS REDUCTION TECHNOLOGY

Does rule include emission limits that are continuous? ___ Yes X No

If yes, those limits are in Section(s) N/A of the rule.

Other methods in the rule for achieving emissions reductions are: N/A

V. OTHER REQUIREMENTS The rule contains:

- 1) Emission limits in Section(s) N/A
- 2) Work practice standards in Section(s) N/A
- 3) Record keeping requirements in Section(s) N/A
- 4) Reporting requirements in Section(s) N/A

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VI. IMPACT ON AIR QUALITY PLAN

X No Impact X Impacts RFP X Impacts Attainment

DISCUSSION:

Rule amendments and new Rule 1320 are primarily codification of existing District practices and as such are not directly expected to impact the air quality planning for the Mojave Desert AQMD. The Federal De-Minimis exemption provisions have been strengthened to prevent any unaccounted for growth in emissions and therefore any impact upon the air quality planning process.

Regulation XIII, however, has an indirect impact upon and is implicit in the entire planning process within the Mojave Desert AQMD. Regulation XIII generates some emissions reductions by the imposition of the 1.3 to 1 offset ratio on new Major Facilities and modifications to existing Major Facilities. It also indirectly impacts emissions due to the imposition of BACT (LAER for Major Facilities) on new or modified emissions units. Historically, the impact of Regulation XIII has been to limit the construction of new Major Facilities due to the lack of available offsets. It has also served to limit the growth of existing Major Facilities to their current emissions levels, also due to the lack of available offsets within the District. Despite recent interbasin offset transfers from upwind areas, there still remains a distinct lack of available offsets within the District.